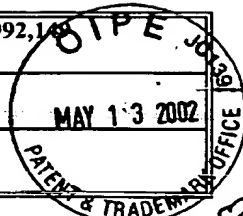


|  |                               |                       |
|--|-------------------------------|-----------------------|
| Form PTO-1449 (Modified)   | Atty. Docket No. 84077        | Serial No. 09/992,149 |
| LIST OF PATENTS AND PUBLICATIONS<br>FOR APPLICANT'S INFORMATION<br>DISCLOSURE STATEMENT<br>(Use several sheets if necessary) | Applicant Robert Brown, et al |                       |
|  | Filing Date November 6, 2001  | Group 1645            |



### REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAM. INIT. |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE          | NAME         | CLASS | SUB CLASS | FIL. DATE IF APPROPRIATE |
|-------------|----|-----------------|---|---|---|---|---|---|---------------|--------------|-------|-----------|--------------------------|
| mm          | AA | 5               | 4 | 2 | 2 | 1 | 0 | 9 | June 6, 1995  | Brancg et al |       | 9         |                          |
| mm          | AB | 5               | 7 | 3 | 6 | 1 | 4 | 1 | April 7, 1998 | Brown et al  |       |           |                          |

### FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE            | COUNTRY | CLASS | SUB CLASS | TRANSLATION |    |
|----|----|-----------------|---|---|---|---|---|---|-----------------|---------|-------|-----------|-------------|----|
|    |    |                 |   |   |   |   |   |   |                 |         |       |           | YES         | NO |
| mm | AC | 9               | 2 | 0 | 0 | 0 | 8 | 1 | January 9, 1992 | WO      |       | 9         |             |    |
| mm | AD | 0               | 0 | 3 | 7 | 1 | 0 | 0 | June 29, 2000   | WO      |       |           |             |    |

### OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

|                               |    |  |   |
|-------------------------------|----|--|---|
| mm                            | AE |  | R. GUPTA ET AL.: Adjuvants for human vaccines – current status, problems and future prospects." VACCINE, vol. 13, no. 14, October 1995 (1995-10), pages 1263-1276.  |
| mm                            | AF |  | A. HILBERT ET AL.: "Biodegradable mircospheres containing influenza A vaccine: immune response in mice." VACCINE, vol. 17, no 9-10, March 1999 (1999-03), pages 1065-1073.  |
| mm                            | AG |  | H. NASH, ET AL.: Formulation of a potential antipregnancy vaccine based on the beta-subunit of human chorionic gonadotropin (beta hCG). II. Use of compounds of the muramyl dipeptide (MDP) family as adjuvants." JOURNAL OF REPRODUCTIVE IMMUNOLOGY, vol. 7, no. 2, 1985, pages 151-162. |
| mm                            | AH |  | D. PYE ET AL.: "Selction of an adjuvant for vaccination with the malaria antigen, MSA-2." VACCINE, vol. 15, no. 9, June 1987 (1987-06), pages 1017-1023.  |
| EXAMINER <i>MM Minnifield</i> |    |  | DATE CONSIDERED 6/24/03   |

EXAMINER:

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1449  
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List of Patents and Publications for  
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Applicant: Robert George Brown, et al.

Filing date: 11/06/2001

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#4

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| Exam Init |    | Document Number |   |   |   |   |   |   | Date       | Name            | Class | Sub Class | Filing Date If Appropriate |
|-----------|----|-----------------|---|---|---|---|---|---|------------|-----------------|-------|-----------|----------------------------|
|           | AA | 5               | 7 | 3 | 6 | 1 | 4 | 1 | 04/07/1998 | Brown, et al.   | 424   | 184.1     |                            |
|           | AB | 5               | 8 | 9 | 7 | 8 | 7 | 3 | 04/27/1999 | Popescu         | 424   | 450       |                            |
|           | AC | 6               | 0 | 9 | 0 | 4 | 0 | 6 | 07/18/2000 | Popescu, et al. | 424   | 450       |                            |
|           | AD | 6               | 0 | 9 | 3 | 4 | 0 | 6 | 07/25/2000 | Alving, et al.  | 424   | 272.1     |                            |
|           | AE | 6               | 1 | 1 | 0 | 4 | 9 | 2 | 08/29/2000 | Alving, et al.  | 424   | 450       |                            |
|           | AF |                 |   |   |   |   |   |   |            |                 |       |           |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | Document Number |  |  |  |  |  |  | Date | Country | Class | Sub Class | Translation |    |
|--|----|-----------------|--|--|--|--|--|--|------|---------|-------|-----------|-------------|----|
|  |    |                 |  |  |  |  |  |  |      |         |       |           | Yes         | No |
|  | AG |                 |  |  |  |  |  |  |      |         |       |           |             |    |
|  | AH |                 |  |  |  |  |  |  |      |         |       |           |             |    |

## OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |
|----|---|
| AI | Ivanova, et al., 1995. "Contraceptive potential of porcine zona pellucida in cats." <i>Theriogenology</i> . 43:969-981  |
| AJ | Sacco et al., 1989. "Effect of varying dosage and adjuvants on antibody response in squirrel monkeys ( <i>Saimiri sciureus</i> ) immunized with the porcine zona pellucida Mr=55,000 glycoprotein (ZP3)." <i>Am. J. Reprod. Immunol.</i> 21:1-8                                     |
| AK | Bagavant et al., 1994. "Antifertility effects of porcine zona pellucida-3 immunization using permissible adjuvants in female bonnet monkeys ( <i>Macaca radiata</i> ): reversibility, effect on follicular development and hormonal profiles." <i>J. Reprod. Fertil.</i> 102:17-25  |
| AL | Muderhwa et al. ("Oil-in-water liposomal emulsions: Characterization and potential use in vaccine delivery", (December, 1999) <i>J Pharm Sci.</i> 88(12):1332-9   |
| AM | Gregoriadis G.(1990) Immunological adjuvants: A role for liposomes, <i>Immunol. Today</i> 11:89-97  |
| AN | Frezard, F. (1999) Liposomes: From biophysics to the design of peptide vaccines. <i>Braz. J. Med. Bio. Res</i> 32:181-189   |
| AO | Brown, R.G., W.D.Bowen, J.D.Eddington, W.C.Kimmins, M.Mezei, J.L.Parsons, B.Pohajdak. (1997) Temporal trends in antibody production in captive grey seals, harp and hooded seals to a single administration immunocontraceptive vaccine. <i>J. Reproductive Immunology</i> 35:53-64 |
| AP | Jentoft, N. and D.G.Dearborn. 1979. Labelling of proteins by reductive methylation using sodium cyanoborohydride. <i>J. Biol. Chem.</i> 254:4359-4365   |
| AQ | Willard et al., "Pregnancy detection and the effects of age, body weight, and previous reproductive performance on pregnancy status and weaning rates of farmed fallow deer ( <i>Dama dama</i> ). <i>J. Animal Science.</i> 77:32-38 (1999)   |
| AR | Teuten et al., 1993, <i>Biochem. J.</i> 290:313-319   |
| AS | Torrens et al., 1999, <i>Immunology Letters</i> 70:213-218  |
| AT | Parrado et al., 1996, <i>Protein Sci</i> 5:693-704  |
| AU | Connejero-Lara et al., 1996, <i>Protein Sci</i> 5:2583-2591   |
| AV | Muttilainen, et al., 1995, <i>Microbial Pathogenesis</i> 18:423-436.  |
| AW | The National Wildlife Research Center web site. <a href="http://www.aphis.usda.gov/ws/nwrc/pzp.htm">www.aphis.usda.gov/ws/nwrc/pzp.htm</a><br>"Porcine Zona Pellucida Immunocontraception in Mammals"   |

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